

Title (en)

METHOD FOR PRODUCING METHYL METHACRYLATE

Title (de)

VERFAHREN ZUR HERSTELLUNG VON METHYLMETHACRYLAT

Title (fr)

PROCÉDÉ DESTINÉ À LA FABRICATION DE MÉTHYLMÉTHACRYLATE

Publication

EP 2986589 A1 20160224 (DE)

Application

EP 14720514 A 20140411

Priority

- EP 13002076 A 20130419
- EP 2014057380 W 20140411
- EP 14720514 A 20140411

Abstract (en)

[origin: WO2014170223A1] The invention relates to a method for producing methylmethacrylate, comprising the steps: A) producing methacrolein and B) conversion of the methacrolein obtained in step A) into methylmethacrylate in an oxidative esterification reaction, characterized in that the two steps A) and B) are carried out in liquid phase at a pressure of 2 to 100 bar and step B) is carried out in the presence of a heterogeneous, noble metal-containing catalyst comprising metals and/or metal oxides.

IPC 8 full level

C07C 45/75 (2006.01); **C07C 67/39** (2006.01)

CPC (source: EP RU US)

C07C 45/75 (2013.01 - EP US); **C07C 67/39** (2013.01 - EP RU US); **C07C 67/44** (2013.01 - RU)

C-Set (source: EP US)

1. **C07C 67/39** + **C07C 69/54**
2. **C07C 45/75** + **C07C 47/22**

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014170223 A1 20141023; BR 112015025959 A2 20170725; BR 112015025959 B1 20210824; CN 105189444 A 20151223; CN 105189444 B 20171212; CN 108164417 A 20180615; CN 108164417 B 20210706; EP 2986589 A1 20160224; EP 2986589 B1 20180314; ES 2673104 T3 20180619; HK 1250509 A1 20181221; JP 2016515645 A 20160530; JP 6501754 B2 20190417; KR 102213622 B1 20210208; KR 20150143785 A 20151223; MY 176555 A 20200816; RU 2015149480 A 20170524; RU 2015149480 A3 20180319; RU 2665708 C2 20180904; SA 515370017 B1 20180809; SG 11201508639W A 20151127; TW 201509895 A 20150316; TW I617542 B 20180311; US 10273201 B2 20190430; US 10457626 B2 20191029; US 10766847 B2 20200908; US 2016068464 A1 20160310; US 2018050977 A1 20180222; US 2019077742 A1 20190314; US 2019112255 A1 20190418; US 9890105 B2 20180213

DOCDB simple family (application)

EP 2014057380 W 20140411; BR 112015025959 A 20140411; CN 201480022228 A 20140411; CN 201711060427 A 20140411; EP 14720514 A 20140411; ES 14720514 T 20140411; HK 18109876 A 20180731; JP 2016508104 A 20140411; KR 20157032717 A 20140411; MY PI2015002482 A 20140411; RU 2015149480 A 20140411; SA 515370017 A 20151018; SG 11201508639W A 20140411; TW 103113877 A 20140416; US 201414784320 A 20140411; US 201715795887 A 20171027; US 201816161378 A 20181016; US 201816161395 A 20181016